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*Special Issue Reprint*

## **Advances in Synthesis, Characterization, and Application of Thin Films**

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We are delighted to present the Special Issue titled "Advances in Synthesis, Characterization, and Application of Thin Films" in the *Crystals* journal. This collection highlights recent innovations and applications of thin films across diverse domains. The included papers provide both experimental and theoretical insights into thin film deposition techniques, including synthesis methods, structural properties, and their potential applications in various fields such as optoelectronics, energy conversion, and sensors.



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